

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims:

1. (currently amended) A process for producing and winding partially oriented polyester multifilament yarns not less than 85% by weight based on the total weight of the a multifilament yarn of polybutylene terephthalate (PBT) and/or polytrimethylene terephthalate (PTMT) ~~that contain~~ containing between 0.05% by weight and 2.5% by weight based on the total weight of the multifilament yarn of at least one additive polymer extensibility enhancer, ~~which comprises the process comprising~~ providing a wound yarn package which is stable in long-term storage and insensitive to elevated temperatures ~~during storage and transportation~~ by heat-treating the wound polyester multifilament yarn package at a temperature in the range from > 45°C to 65°C.
2. (original) A process as claimed in claim 1, wherein the wound yarn package is heat treated using heated rolls or rollers.
3. (currently amended) A process as claimed in claim 1 ~~or 2~~, wherein the wound yarn package is heat treated using radiant heat.
4. (currently amended) A process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein the wound yarn package is heat treated using heated gases.
5. (currently amended) A process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein the wound yarn package is heat treated within a housing which surrounds the tube holding the wound yarn package.
6. (original) A process as claimed in claim 5, wherein a gas is passed into the housing through an inlet.

7. (original) A process as claimed in claim 6, wherein the gas is removed from the housing through an outlet.
8. (original) A process as claimed in claim 7, wherein the gas is circulated in a circulation system which includes the inlet and the outlet.
9. (currently amended) A process as claimed in claim 7 ~~and/or~~ 8, wherein, viewed in the direction of movement of the yarn, the gas is fed behind the tube and removed before the tube.
10. (currently amended) A process as claimed in claim 6, wherein the gas is heated outside the housing.
11. (currently amended) A process as claimed in claim 10, wherein the temperature within the housing is measured and the temperature of the gas is ~~conformed~~ controlled by suitable heating such that the temperature within the housing is in the range from > 45°C to 65°C.
12. (currently amended) A process as claimed in ~~any preceding claim~~ claim 1, wherein the yarn package is wound such that it has a cheeselike shape.
13. (currently amended) A process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein at least one polyester multifilament yarn is heat treated at a temperature in the range from 50°C to 150°C before the winding.
14. (original) A process as claimed in claim 13, wherein at least one polyester multifilament yarn is heat treated using heatable godets.
15. (currently amended) A process as claimed in claim 13 ~~and/or~~ 14, wherein at least one polyester multifilament yarn is heat treated using heated gases.
16. (currently amended) A process as claimed in ~~at least one of claims 13 to 15~~ claim 13, wherein at least one polyester multifilament yarn is heat treated using radiant heat.

17. (currently amended) A process as claimed in ~~at least one of the preceding claims~~ claim 1, which comprises

- a) setting ~~the~~ a spindlewind extension ratio in the range from 70 to 500,
- b) passing the filaments directly upon exit from ~~the~~ a spinneret through a quench delay zone 30 mm to 200 mm in length,
- c) quenching the filaments to below ~~the~~ their solidification temperature,
- d) converging the filaments at a distance 500 mm and 2500 mm from the underface of the spinneret,
- e) setting the yarn tension before and between the takeoff godets of between 0.05 cN/dtex to 0.20 cN/dtex,
- f) taking the yarn up at a yarn tension between 0.025 cN/dtex to 0.15 cN/dtex.

18. (currently amended) ~~[[A]] The process as claimed in at least one of the preceding claims~~ claim 17, wherein ~~the~~ a takeup speed is set between 2200 m/min and 6000 m/min.

19. (currently amended) ~~[[A]] The process as claimed in at least one of the preceding claims~~ claim 1, wherein PBT and/or PTMT having a limiting viscosity number in the range from 0.7 dl/g to 0.95 dl/g are used.

20. (currently amended) ~~Partially A partially oriented polyester multifilament yarns yarn obtainable by a process as claimed in at least one of the preceding claims, characterized by having~~

- a) a breaking extension between 75% and 145%,
- b) a boiloff shrinkage in the range from 0 to 10%,
- c) a normal Uster below 1.1%,
- d) a breaking load coefficient of variation $\leq 4.5\%$ and
- e) a breaking extent coefficient of variation $\leq 4.5\%$ after 4 weeks of storage under standard conditions as defined in German standard DIN 53802.

21. (currently amended) A process for producing bulky yarns, ~~wherein comprising~~ processing multifilament yarns as claimed in claim 20 ~~are processed~~ in a draw-texturing machine at a speed of at least 500 m/min.

22. (currently amended) ~~Bulky A bulky polyester SET filaments obtainable filament~~ obtained by ~~a the~~ process as claimed in claim 21, ~~characterized in that their~~ wherein the breaking strength of the filament is more than 20 cN/tex and the breaking extension is more 32%.

23. (currently amended) ~~Bulky A bulky polyester HE filaments obtainable filament~~ obtained by ~~a the~~ process as claimed in claim 21, ~~characterized in that their~~ wherein the breaking strength of the filament is more than 20 cN/text and the breaking extension is more than 30%.